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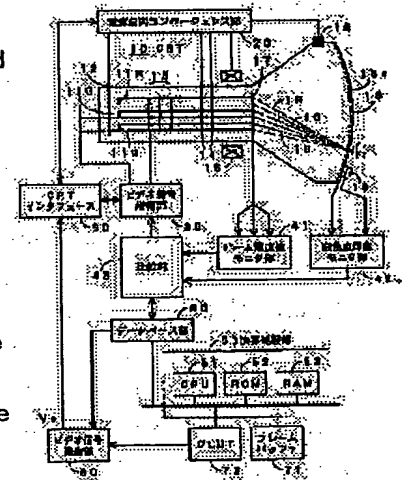
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(54) COLOR IMAGE DISPLAY DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To always keep the 'apparent color' at an almost fixed level in a simple and sure way regardless of the change in an external environment by correcting the display luminance of an image display part according to the external environment via the rereading of data that is performed by a data rereading means.

SOLUTION: A luminance sensor 19 measures the luminance of the R, G and B channels on a fluorescent screen 18a and also the outside luminance and sends these measurement value data to a comparison part 43 via a white dot luminance monitor part 41. The correspondence tables of different external environments are built into a system as a DLOT 72. An arithmetic processing part 50 rereads and outputs the digital counts dr, dg and db based on the correspondence tables of the DLOT 72 and according to the measurement value of the sensor 19. Thus, it's possible to attain the color reproduction to always keep the 'color appearance' at almost a fixed level regardless of the change of the external environment. That is, the 'apparent color' can always be kept at an almost fixed level in a simple and sure way.



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